ACES EFI

INSTALLATION GUIDE

Bluetooth CAN Module





About Us

At Aces, we believe performance should be within reach for every car enthusiast. Born from a passion for hot rod technology, we push the boundaries of EFI innovation—empowering DIY builders and professionals alike. We do it *“For the People”* because we believe that achieving your dreams should never be exclusive.

Our commitment is simple: deliver exceptional products that inspire, at fair prices that make high-performance accessible. Whether it’s your first EFI setup or your latest build, we’re here to fuel your journey with precision, reliability, and cutting-edge technology.

We don’t just build EFI systems—we craft experiences that ignite passion, break barriers, and bring the joy of customization to everyone. Performance should never be out of reach, and with Aces, it never is. Our goal is to give our customers the absolute best value for their money both in the short and long run so that they can look back and be proud that they bet on Aces.

Backed by over 10 years of experience, a history of winning results, and an unwavering dedication to research and development, Aces is built for performance, designed for dreamers, and made for those who refuse to settle.

Built for performance. Designed for dreamers. Made for you.

Bluetooth CAN Module
Turn your smartphone or tablet into a powerful digital dashboard with the Aces EFI Bluetooth Module (CAN-BT). This compact wireless module lets you connect directly to your ECU using any Android or iOS device*. Download the free app from our website at acesefi.com/pages/app, or from the Google Play or Apple App Stores (coming soon), and enjoy full control of your Aces system.

Ditch the Handheld. Go Mobile.

- Wirelessly connect to your EFI system via Bluetooth 5.1
- Use your Android or iOS* device to view real-time data, configure parameters, or update firmware
- Everything our handheld tuners can do, now in your pocket

Built for the Road

- Rugged, automotive-grade construction built to withstand -40°C to +85°C
- Wide input voltage range (7–32V) with built-in protection against surges, reverse connection, and overvoltage
- Compact footprint: 81 × 30 × 20.5mm

Fast, Reliable Performance

- High-speed data transmission (up to 1Mbps)
- Stable Bluetooth range up to 20 meters
- Powered by a 480MHz RISC-V processor with advanced floating-point and DSP support for real-time data processing

Perfect for Diagnostics, Tuning & Development

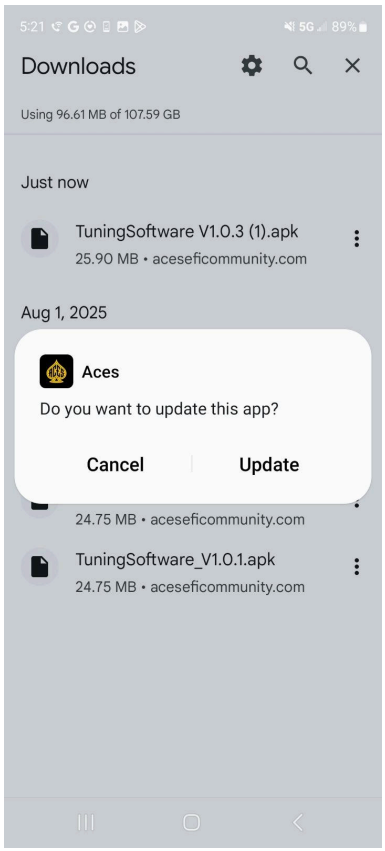
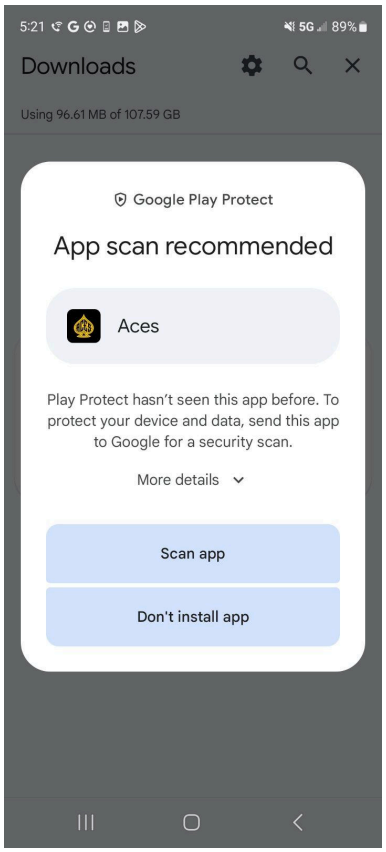
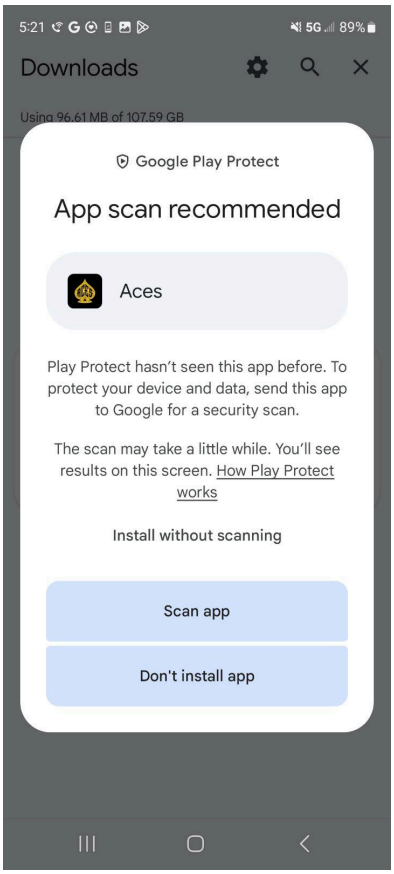
Whether you're tuning on the fly or making quick adjustments in the pits, the CAN-BT provides full wireless access to your system. Engine data, CAN communication, configuration, and firmware updates, all in real time, right from your phone or tablet.

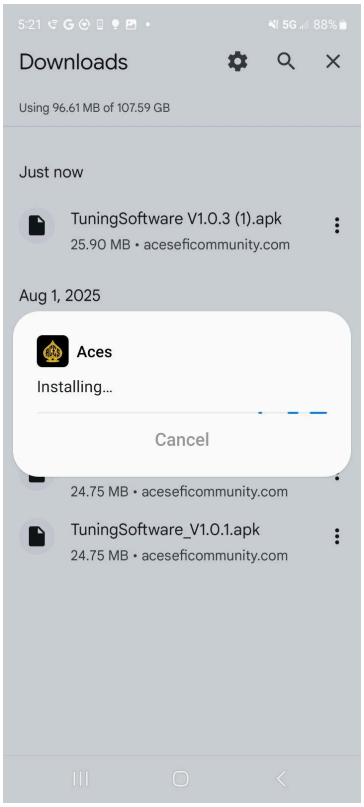
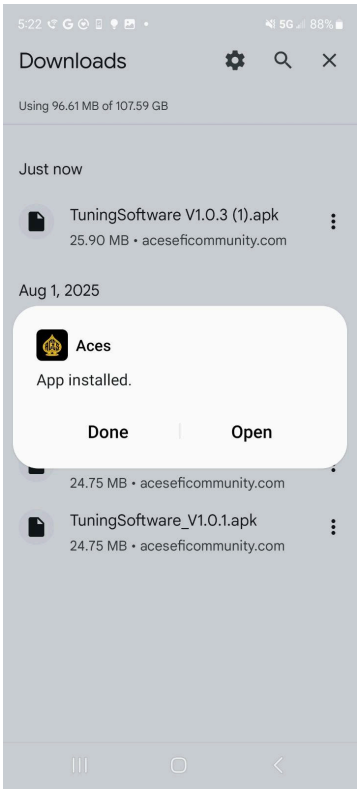
Experience the freedom of wireless tuning with the Aces EFI Bluetooth Module.

**The app required for the Bluetooth module can be downloaded* https://acesefi.com/pages/apps.

It will become available on the Google Play Store and Apple App Store in the Fall of 2025.

Installing the App to your personal device

		
Step 1: Download or Update the App To begin, visit https://acesefi.com/pages/apps and click the link to download the Bluetooth Module Connect app. On the screen shown in the graphic to the left, you'll see a prompt with the option to either Download or Update the app. In this case, click the Update button to proceed.	**Step 2: Security Scan Prompt** During the download process, you may see a prompt requesting a security scan of the app. This is expected, as the app is not yet listed on the Google Play Store. To continue, click "More Details", then follow the prompts to proceed with the installation.	**Step 3: Install Without Scanning** Next, you'll see the option to "Install without scanning." Select this option to proceed with the installation. *Note: On some Android devices, you may need to adjust your security settings to reach this step. If prompted, allow installations from unknown sources or trusted developers to continue.*

	
Step 4: Installation Progress You will now see a progress screen indicating that the Aces app is being installed. Once the installation is complete, the setup will automatically move to the next step, no further action is needed at this point.	**Step 5: Launch the App** After a few moments, the installation will complete, and the app will be ready to use. Simply tap **“Open”** to launch the Aces app and begin setup.

Installing the Bluetooth Module

1. Plug the BT-Module into an open CAN port (on the ECU or via the CAN Hub).
2. Ensure a secure connection on all connectors.
3. Power is automatically provided via the 4-pin connection.
4. Turn the key ON and the blue LED will light.

Connecting to the Module via the App

1. Ensure the ACES BT Module is powered on and properly connected to your Aces system.
2. Tap the Bluetooth icon in the upper-right corner of the app.
3. Select “ACESBT” from the list of available devices (it should auto-populate if everything is connected correctly).
4. Once selected, the device will sync automatically, and you're ready to begin tuning or monitoring.

Enjoy using the Aces Mobile App, your system is now connected and ready to go!

Notes

- *Only one BT-Module should be active on a single CAN bus.*
- *Connection priority defaults to hard-wired devices if a laptop or handheld is plugged in simultaneously.*
- *The BT-Module is currently offered on the Android platform (iOS is coming soon.*
- *Ensure the firmware is matched to your ECU (Gen 1 or Gen 2).*
- *On the BT-Aces app, you can update your firmware, datalog, and do tuning adjustments.*